

PUBLIC NOTICE

FEDERAL COMMUNICATIONS COMMISSION

455 12TH STREET, S.W.

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Report No. 426 EXPERIMENTAL ACTIONS

The Commission, by its Office of Engineering and Technology, Experimental Licensing Branch, granted the following experimental applications during the period from 1/1/10 to 2/1/10:

- **WE2XYG BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0484-EX-PL-2008**
New experimental to operate on frequencies between 1.50 MHz and 1390 MHz for testing antennas.
Mobile: Temporary Fixed Locations, Merrimack, NH
- **WF2XGI THE BOEING COMPANY 0470-EX-PL-2009**
New experimental to operate in 10 MHz increments between 20 MHz and 100 MHz for antenna testing.
Mobile: Thurmont, MD
- **WF2XFD THE BOEING COMPANY 0371-EX-PL-2009**
New experimental to operate in frequency bands between 29.70 MHz and 1004.30 MHz to calibrate the SMBR antenna arrays on the 737 AEWG Aircraft.
Mobile: Pacific Beach, WA; Quillayute Airfield, Forks, WA; Boeing Field, King County, WA
- **WF2XAK BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION INC. 0337-EX-PL-2006**
New experimental to operate on spot frequencies between 119.725 MHz and 939.375 MHz for Antenna Range Testing
Fixed: Litchfield (Hillsborough), NH
- **WF2XGC TV BAND SERVICE, LLC 0464-EX-PL-2009**
New experimental to operate in 168-216 MHz and 470-608 MHz to conduct research by using vacant spectrum in the television broadcast, for the testing of fixed Whitespace devices.
Fixed: Wilmington (New Hanover), NC
- **WF2XFA SPECTRUM BRIDGE, INC. 0395-EX-PL-2009**
New experimental to operate in 174-216 MHz and 470-608 MHz to conduct research by using vacant spectrum in the television broadcast, for the testing of fixed Whitespace devices.
Fixed: Lake Mary (Seminole), FL
- **WF2XDY APPLIED RADAR, INC. 0240-EX-PL-2009**
New experimental to operate in 225 – 400 MHz and 9.2 - 10.55 GHz for Radar testing.
Fixed: North Kingstown (Washington), RI
- **WF2XFX THE BOEING COMPANY 0379-EX-PL-2009**
New experimental to operate in frequency bands between 420 MHz and 5875 MHz for testing communication network system.
Mobile: Ground to 5000 feet Smartt Field, St Charles, MO

- **WF2XGP MATTHEW T KAUFMAN 0451-EX-PL-2009**
New experimental to operate in 760 – 780 MHz to perform a non-line-of-site digital network experimentation.
Fixed & Mobile: Los Gatos (Santa Clara), CA; Bonny Doon (Santa Cruz), CA
- **WF2XGH VIRGINIA TECH 0471-EX-PL-2009**
New experimental to operate in 902 – 928 MHz, 2000 – 2100 MHz, 2400 - 2483.50 MHz and 5650 – 6000 MHz for research and testing RF hardware.
Mobile Blacksburg, Virginia
- **WC2XOE LOCKHEED MARTIN CORPORATION 0486-EX-PL-2009**
New experimental to operate in various bands between 902 MHz and 101 GHz for radar cross section measurement.
Fixed: Bithlo (Orange), FL
- **WF2XGB VAISALA INC. 0450-EX-PL-2009**
New experimental to operate on 915 MHz for testing a wind providing radar system.
Fixed: Bushnell (Kimball), NE
- **WF2XFH SENSIS CORPORATION 0353-EX-PL-2009**
New experimental to operate on 1030 MHz to test the WAM system that requires the use of the transmitter under development.
Mobile: Onondaga, NY
- **WF2XFQ CONELEC OF FLORIDA, INC. 0304-EX-PL-2009**
New experimental to operate on 1500 MHz for testing a GPS radiator.
Fixed: Sanford (Seminole), FL
- **WE2XWR HONEYWELL INTERNATIONAL 0412-EX-PL-2008**
New experimental to operate in 2390-2500 MHz for flight testing of unmanned aerial systems for the US military.
Mobile: Laguna Pueblo, NM
- **WF2XFZ MEDTRONIC MINIMED 0432-EX-PL-2009**
New experimental to operate in 2420 – 2420 MHz to research, test and design of diabetes therapy management devices.
Mobile: Granada Hills, CA
- **WF2XCV ARTEMIS, INC. 0243-EX-PL-2009**
New experimental to operate on 9304 MHz and 10206 MHz for testing SAR radar.
Mobile: Based at Spanish Fork-Springville airport in Spanish Fork, UT; operating in he area surrounding Elberta, UT
- **WF2XGA LOCKHEED MARTIN CORPORATION 0452-EX-PL-2009**
New experimental to operate on 9800 MHz for testing, verification and integration of the ELTA EL/M-2032 radar.
Fixed: Ft. Worth (Tarrant), TX
- **WF2XEP LOCKHEED MARTIN CORPORATION 0370-EX-PL-2009**
New experimental to operate in 14400 - 14830 MHz and 15.15 - 15.35 GHz for transmission of surveillance and reconnaissance imagery data from an airborne platform to a ground control station.
Mobile: Waterton (Arapahoe), CO; Goodyear (Maricopa), AZ
- **WF2XFB RAYTHEON NCS 0393-EX-PL-2009**
New experimental to operate in 14400 – 14925 MHz and 15150 – 15350 MHz to test and verify Over-the-Air Data Link interoperability between the CDL-N surface terminal and a simulated CDL-N airborne platform.
Mobile: Salt Lake City, UT
- **WF2XDX ARTEMIS, INC. 0342-EX-PL-2009**
New experimental to operate on 16160 MHz and 17140 MHz for testing SAR radar.
Mobile Based at Spanish Fork-Springville airport in Spanish Fork, UT; operating in he area surrounding Elberta, UT